Norwegian Clam solar Container

The clam contains layers of spherical cells called iridocytes, which scatter sunlight outward into a cone-like shape. This conical beam of diffused light then reaches ...

The clam shells are a form of bio-waste and a sensible heat storage material freely available in the environment, with the ability to retain and release heat gradually during periods of ...

Giant clams, often overlooked in the discussion of renewable energy, are becoming the focus of intense scientific scrutiny. These marine marvels possess a sophisticated system of ...

Scientists discover why giant clams are nearly twice as efficient as our best photovoltaics at capturing solar energy.

Algae inside giant clams are arranged in vertical columns on their surfaces - a critical adaptation that allows them to absorb sunlight optimally. This ...

In research published in PRX Energy, Sweeney and her team ...

In a new study led by Yale University, experts suggest that the solution to solar energy efficiency may lie beneath the tropical coral reefs. Stepping away ...

In the shallow tropical reefs off Palau, giant clams of the genus Tridacna hide a remarkable secret. Beneath their four-foot-long shells lies iridescent blue flesh, housing what ...

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